

Update on the Implementation of Policies and Actions for Environmental Justice

Board Presentation

July 22, 2004



Air Resources Board

California Environmental Protection Agency

ARB's

Environmental Justice Policies

- ARB's policies adopted in 2001
- Long-standing ARB stakeholders process
- Consistent with State law and major goals recommended by Cal/EPA Environmental Justice Advisory Committee

Environmental Justice

“The fair treatment of people of all races, cultures, and incomes with respect to the development, adoption, implementation, and enforcement of environmental laws, regulations, and policies.”

California Government Code § 65040.12(c)

Policy I

It shall be ARB's policy to integrate environmental justice into all of our programs, policies, and regulations.

Integrating Environmental Justice

- Regulatory and program development
- Training
- Improve access to information
- Community assessments
- Targeted enforcement in communities

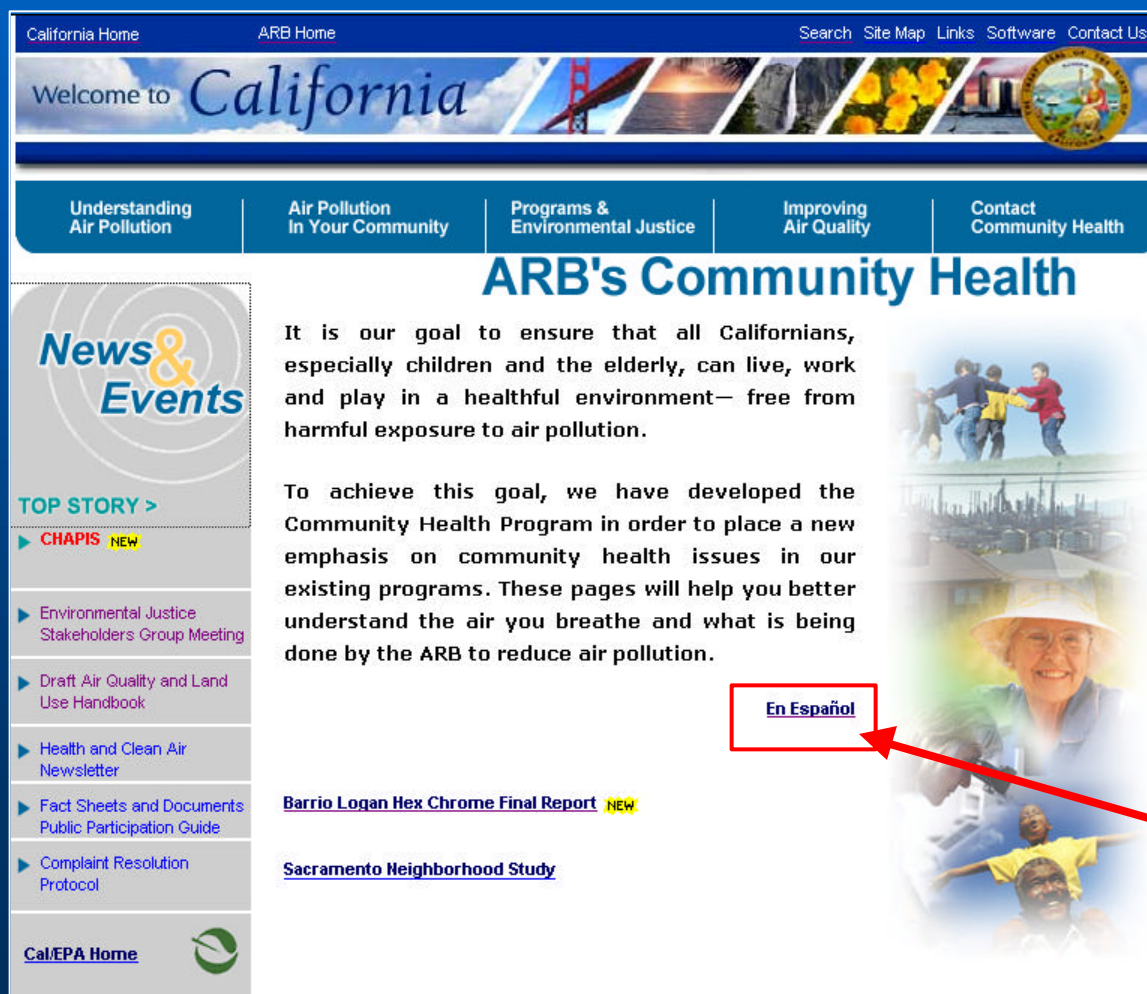
Policy II

It shall be the ARB's policy to strengthen our outreach and education efforts in all communities, especially low-income and minority communities, so that all Californians can fully participate in our public processes and share in the air quality benefits of our programs.

Public Participation Guidebook

- Designed for the general public
- Discusses responsibilities of air pollution agencies
- Describes the regulatory process and how to get involved

Improving Access to Information



The screenshot shows the ARB's Community Health website. At the top, there is a navigation bar with links for "California Home", "ARB Home", "Search", "Site Map", "Links", "Software", and "Contact Us". Below this is a banner with the text "Welcome to California" and a collage of images including the Golden Gate Bridge, a sunset, a sailboat, flowers, and a city street. A circular seal is also visible. Below the banner is a horizontal menu with five items: "Understanding Air Pollution", "Air Pollution In Your Community", "Programs & Environmental Justice", "Improving Air Quality", and "Contact Community Health". The main heading is "ARB's Community Health". The text states: "It is our goal to ensure that all Californians, especially children and the elderly, can live, work and play in a healthful environment— free from harmful exposure to air pollution." and "To achieve this goal, we have developed the Community Health Program in order to place a new emphasis on community health issues in our existing programs. These pages will help you better understand the air you breathe and what is being done by the ARB to reduce air pollution." On the left, there is a "News & Events" section with a "TOP STORY >" link. Below it is a list of items: "CHAPIS NEW", "Environmental Justice Stakeholders Group Meeting", "Draft Air Quality and Land Use Handbook", "Health and Clean Air Newsletter", "Fact Sheets and Documents Public Participation Guide", and "Complaint Resolution Protocol". At the bottom left is a "Cal/EPA Home" link and a logo. On the right, there is a large image of a group of people, including children and an elderly woman. A red box highlights the "En Español" link, and a red arrow points to it from the right side of the image.

California Home ARB Home Search Site Map Links Software Contact Us

Welcome to *California*

Understanding Air Pollution Air Pollution In Your Community Programs & Environmental Justice Improving Air Quality Contact Community Health

ARB's Community Health

It is our goal to ensure that all Californians, especially children and the elderly, can live, work and play in a healthful environment— free from harmful exposure to air pollution.

To achieve this goal, we have developed the Community Health Program in order to place a new emphasis on community health issues in our existing programs. These pages will help you better understand the air you breathe and what is being done by the ARB to reduce air pollution.

News & Events

TOP STORY >

- ▶ **CHAPIS** NEW
- ▶ Environmental Justice Stakeholders Group Meeting
- ▶ Draft Air Quality and Land Use Handbook
- ▶ Health and Clean Air Newsletter
- ▶ Fact Sheets and Documents Public Participation Guide
- ▶ Complaint Resolution Protocol

[Cal/EPA Home](#)

[En Español](#)

[Barrio Logan Hex Chrome Final Report](#) NEW

[Sacramento Neighborhood Study](#)

La Salud de las Comunidades

[California Home](#) [ARB Home](#) [Search](#) [Site Map](#) [Links](#) [Software](#) [Contact Us](#)

Welcome to *California*

[Understanding Air Pollution](#) [Air Pollution In Your Community](#) [Programs & Environmental Justice](#) [Improving Air Quality](#) [Contact Community Health](#)

ARB's Community Health

La Salud de las Comunidades

Bienvenidos a la pagina en Español del ARB donde puede obtener información sobre La Salud de las Comunidades. Hemos puesto muchos de nuestros documentos mas importantes en un mismo lugar para que las personas de habla hispana puedan aprender mas sobre la calidad del aire y de lo que ARB esta haciendo en proveer aire limpio a todos los Californianos.

Si usted tiene preguntas o comentarios, por favor [mandenos un email](#) y se lo vamos a responder lo mas pronto posible. Gracias.

[Vamos Aclarando El Ambiente](#) **NEW**

[Protocolo para la Resolucion de Quejas](#)

Hoja de Datos:

- ▶ [Dioxinas \(pdf\)](#)
- ▶ [El Cromado \(pdf\)](#)
- ▶ [El Plomo \(pdf\)](#)
- ▶ [Gasolina Reformulada de California \(pdf\)](#)
- ▶ [Investigacion en Boyle Heights \(pdf\)](#)
- ▶ [Investigacion en Wilmington Mayo 2003 \(pdf\)](#)
- ▶ [Investigacion en Wilmington Febrero 2003 \(pdf\)](#)

Community Outreach

- Environmental Justice stakeholders meetings
- Environmental Justice considerations in scheduling meetings and workshops
- Four Environmental Justice workshops for Climate Change Regulations
- Translation services as appropriate

Policy III

It shall be the ARB's policy to work with local air districts to meet health-based air quality standards and reduce health risks from toxic air pollutants in all communities, especially low-income and minority communities, through the adoption of control measures and the promotion of pollution prevention programs.

Reducing Air Pollution Risk in Communities

- Governor's Action Plan: 50% reduction
- California Statewide Implementation Plan Commitments
- Diesel Risk Reduction Plan
- Other toxic control measures
- Carl Moyer Program



California State Implementation Plan

- Strategies needed to attain air quality standards for ozone and particulate matter
- Includes 20 ARB measures to be considered through 2006
- Process for developing long-term measures
- Transition to new federal air quality standards



Adopted Elements of Diesel Risk Reduction Plan

- Garbage and Recycling Collection Vehicles
- School Bus Idling
- Transport Refrigeration Units
- Stationary Diesel Engines
- Portable Diesel Engines



Diesel Control Measures Under Development

- Commercial vehicle idling (2004)
- Marine engine and locomotive fuel (2004)
- Cargo handling equipment (2005)
- Oceangoing vessels: auxiliary engines (2005)
- On-road vehicle fleets (2006)
- Off-road vehicle fleets (2006)

Other Toxic Control Measures

- Chrome plating (2004)
- Thermal spraying (2004)
- Dry cleaners (2005)
- Composite wood products (2005)
- Welding (2005-06)

Carl Moyer Program

- Reduces pollution from Heavy Duty Diesel Engines
- Since 2003 50% of funding goes to areas with EJ concerns in large urban areas
- Governor is proposing 60 million dollars of annual funding for this program



Policy IV

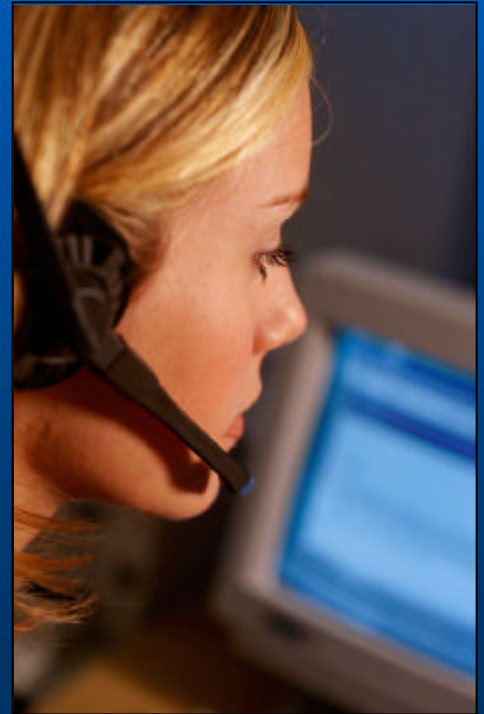
It shall be the ARB's policy to work with local air districts in our respective regulatory jurisdictions to strengthen enforcement activities at the community level across the State.

Complaint Resolution Protocol

- Describes regulatory agency responsibilities
- Local air districts play primary role with ARB oversight
- Joint ARB/CAPCOA agreement
- Emphasis on timely response and feedback

Translation Service

- ARB offers translation service at no cost to districts
- Over the phone translations in 140 languages
- ARB has provided training on use of system to districts

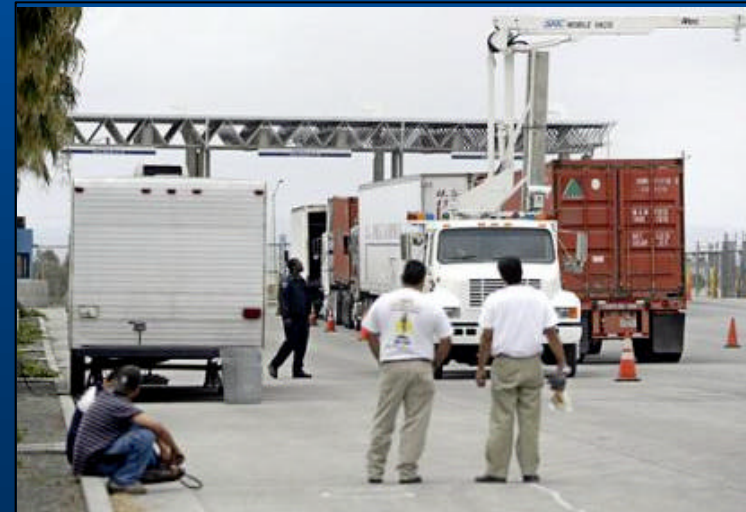


Local Air District Program Evaluations

- Reviews of various district programs
 - permitting
 - enforcement
 - air toxics
- High priority on reviewing status of facility violations
- Incorporate EJ into future program evaluations

Targeted Roadside Inspections

- Goal is to reduce smoking trucks
- Targeted in low-income communities with high diesel truck traffic
- Vehicles are cited and required to be repaired



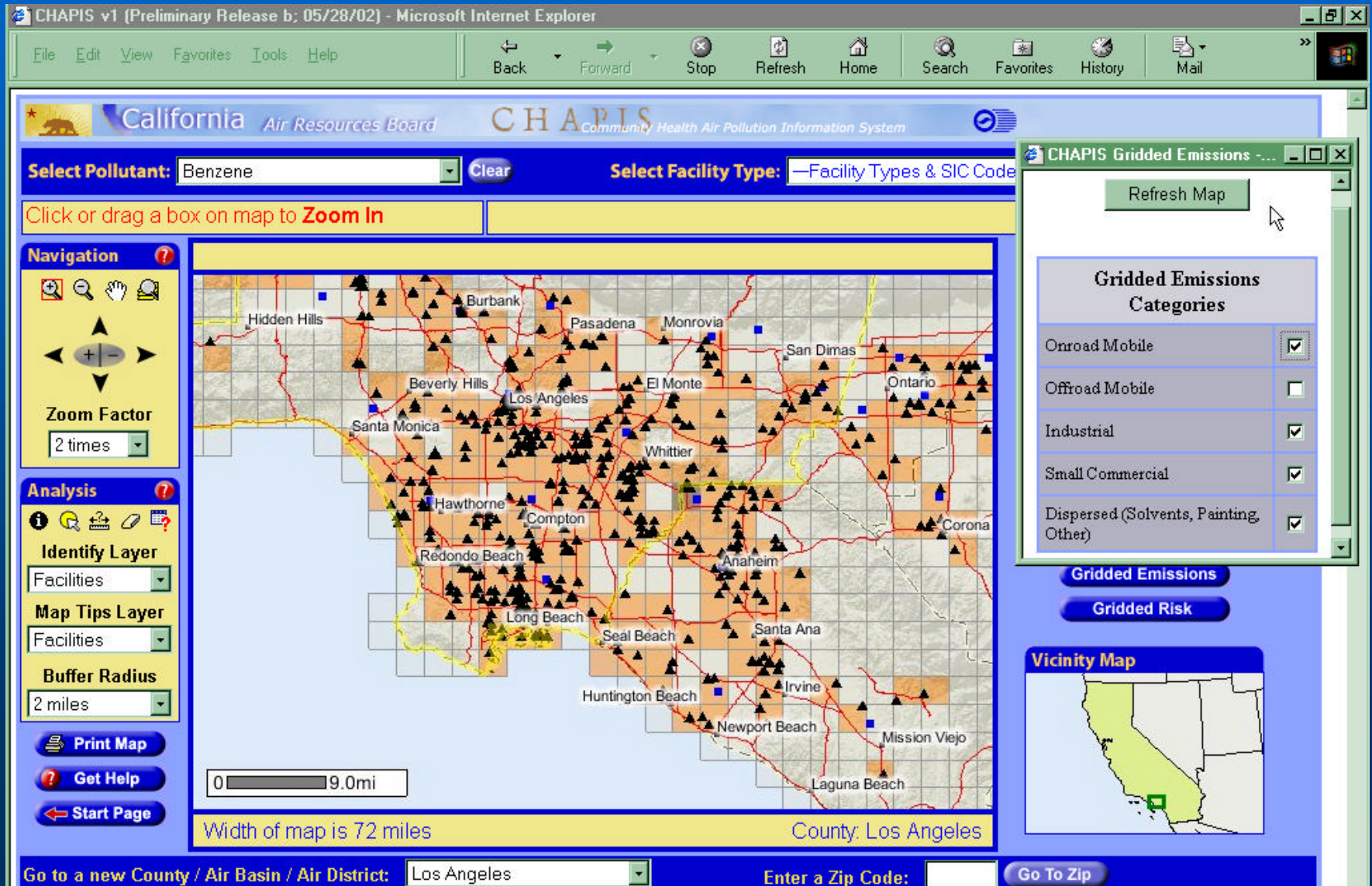
Policy V

It shall be the ARB's policy to assess, consider, and reduce cumulative emissions, exposure, and health risks when developing and implementing our programs.

Community Health Air Pollution Information System (CHAPIS)

- Provides interactive maps of air pollution emission sources Statewide and at community level
- Includes cars, trucks, industrial and commercial facilities, consumer products, and other air pollution sources
- Facility information provided by local air districts
- Demographic data to be added later this year

CHAPIS (Emission Maps)



Statewide Cancer Risk Maps

- ASPEN regional risk maps
- Available on ARB Internet site
- Resolution at census tract level
- Information on contribution of source category or pollutant to overall risk

Neighborhood Assessments

- Air monitoring studies in six communities completed
- Development of neighborhood-scale assessment tools
- Barrio Logan Neighborhood Study completed
- Wilmington Neighborhood Study underway



Hot Spots Analysis and Reporting Program (HARP)

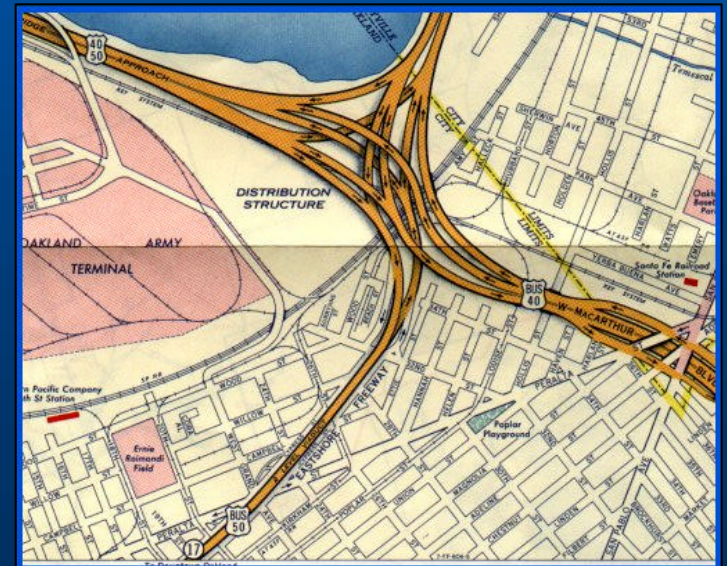
- Calculates health risk from toxic air pollutant emissions from single or multiple facilities
- Health risks calculated using Office of Environmental Health Hazard Assessment methods
- Can be used for analysis of new or existing facilities
- ARB providing training to districts

Policy VI

It shall be the ARB's policy to work with local land-use agencies, transportation agencies, and air districts to develop ways to assess, consider, and reduce cumulative emissions, exposures, and health risks from air pollution through general plans, permitting, and other local actions.

Development of Land Use Document

- Designed for local land use agencies
- Goals
 - Provide information
 - Improve the partnership between local land use and air quality agencies



Policy VII

It shall be the ARB's policy to support research and data collection needed to reduce cumulative emissions, exposure, and health risks, as appropriate, in all communities, especially low-income and minority communities.

Environmental Justice Related Research Projects

- Huntington Park Asthma Study
- Children's School Bus Exposure Study
- East Bay Children's Respiratory Study
- Low cost equipment for community monitoring



Research Planning Process 2004-2005

- Establishment of new Environmental Justice research category
- Solicited the scientific community and public for research ideas
- Several promising EJ related proposals received
- Final research plan will be brought to the Board in October

Cal/EPA Environmental Justice Activities

- Short term - Cal/EPA EJ Action Plan
 - Identifies actions to promote environmental justice that can begin immediately
- Long term - Cal/EPA EJ Strategy
 - Sets broad goals and strategies for Cal/EPA
 - Final draft in preparation

Public Health Priorities

- Continue regulatory activities that reduce community exposures
 - SIP measures
 - Diesel control measures
 - Other toxic control measures
- Incorporate EJ in incentive programs
- Use Wilmington as case study to develop community based strategies